



MAIL STOP PETITION
PATENT
32860-000635/US

DAC#
BW

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT: Herbert Bruder et al.
APPL. NO.: 10/686,629
CONF.: 8906
GROUP: 2882
FILED: October 17, 2003
FOR: IMAGING METHOD FOR A MULTI-SLICE SPIRAL CT SCAN,
AND A COMPUTER TOMOGRAPHY UNIT FOR CARRYING
OUT THIS METHOD

**PETITION TO REVIVE AN UNINTENTIONALLY ABANDONED
APPLICATION UNDER 37 C.F.R. §1.137(b)**

MAIL STOP PETITION

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

May 11, 2006

Sir:

The above-identified application became abandoned for failure to timely or properly reply to the Notice to File Missing Parts.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

1. Petition Fee 05/15/2006 MBEYENE2 00000002 000750 10686629
____ Small Entity - fee \$____ (37 CFR 1.17(m)) 01 FC:1453 170.00 DA 1330.00 OP
____ Small Entity Statement enclosed herewith.
____ Small Entity Statement previously filed.
X Other than Small Entity - fee \$1,330.00 (37 C.F.R. 1.17(m))

2. Reply and/or Fee

A. The filing fee (no reply is necessary) of \$_____:
_____ has been filed previously on
_____ is enclosed herewith.

B. The issue fee of \$_____
_____ has been paid previously on _____.
_____ is enclosed herewith.

 X C. Reply to Ex Parte Quayle and Copy of Office Action dated
April 4, 2005

3. Terminal Disclaimer with disclaimer fee

 X Since this utility/plant application was filed on or after
June 8, 1995, no terminal disclaimer is required.

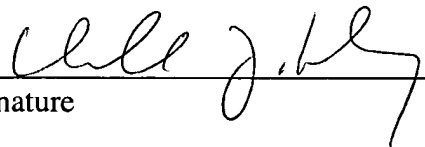
___ A Terminal Disclaimer (and disclaimer fee (37 CFR 1.20(d)) of
\$_____ for a small entity or _____ for other than a small
entity) equivalent to the number of months from
abandonment to the filing of this petition.

4. Statement: The entire delay in filing the required reply from the due
date for the reply until the filing of a grantable petition under
37 CFR 1.137(b) was unintentional.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future
replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for
any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17;
particularly, extension of time fees.

May 11, 2006
Date

(703) 668-8000
Telephone Number


Signature

Donald J. Daley
Reg. No. 34,313
P.O. Box 8910
Reston, Virginia 20195
(703) 668-8000

Enclosures: Reply to Ex Parte Quayle Action
Office Action dated April 4, 2005 (1 copy)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov



APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,629	10/17/2003	Herbert Bruder	32860-000635/US	8906

30596 7590 04/04/2005

HARNESSE, DICKEY & PIERCE, P.L.C.
P.O. BOX 8910
RESTON, VA 20195

EXAMINER

BRUCE, DAVID VERNON

ART. UNIT	PAPER NUMBER
-----------	--------------

2882

DATE MAILED: 04/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

10/686,629

BRUDER ET AL

Examiner

Art Unit

David V. Bruce

2882



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-16 is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 20031017, 20031222.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date: ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Specification

1. The abstract of the disclosure is objected to because it is longer than 150 words.

Correction is required. See MPEP § 608.01(b).

Allowable Subject Matter

2. Claims 1-16 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter: the claims address a CT apparatus and method in which data are filtered and 3D backprojected, where the filtering involves multiple applications of a ramp filtering operation and a masking operation in different sequence (as required by independent claims 1, 10, and 16).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Tam US 2003/0081715 A1, US 6,574,297 B2, US 6,324,245 B1, and US 6,018,561 A and Sauer *et al.* US 6,078,638 A show 3D CT with ramp filtering and masking.

5. This application is in condition for allowance except for the following formal matters:

The abstract is too long.

Prosecution on the merits is closed in accordance with the practice under *Ex parte*

Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Art Unit: 2882

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David V. Bruce whose telephone number is (571) 272-2487. The examiner can normally be reached on M - Th and alt Fri 8:00 - 4:30 subject to I-Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward J. Glick can be reached on (571) 272-2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



David V Bruce
Primary Examiner
Art Unit 2882

dvb